

EXHIBIT A

Glu	Pro	Pro	Thr	Gln	Lys	Pro	Lys	Lys	Ile	Val	Asn	Ala	Lys	Lys	Asp	
1				5					10					15		
									d	e	f	g	a	b	c	
Val	Val	Asn	Thr	Lys	Met	Phe	Glu	Glu	LEU	Lys	Ser	Arg	Leu	Asp	Thr	
20				25				30								
d	e	f	g	a	b	c	d	e	f	g	a	b	c	d	e	
LEU	Ala	Gln	GLU	VAL	Ala	Leu	LEU	LYS	GLU	Gln	GLN	ALA	LEU	GLN	THR	
35			40			45										
f	g	a														
VAL	CYS	LEU	LYS	Gly	Thr	Lys	Val	His	Met	Lys	Cys	Phe	Leu	Ala	Phe	
50						55				60						
Thr	Gln	Thr	Lys	Thr	Phe	His	Glu	Ala	Ser	Glu	Asp	Cys	Ile	Ser	Arg	
65					70						75		80			
Gly	Gly	Thr	Leu	Ser	Thr	Pro	Gln	Thr	Gly	Ser	Glu	Asn	Asp	Ala	Leu	
				85						90		95				
Tyr	Glu	Tyr	Leu	Arg	Gln	Ser	Val	Gly	Asn	Glu	Ala	Glu	Ile	Trp	Leu	
			100					105					110			
Gly	Leu	Asn	Asp	Met	Ala	Ala	Glu	Gly	Thr	Trp	Val	Asp	Met	Thr	Gly	
		115					120					125				
Ala	Arg	Ile	Ala	Tyr	Lys	Asn	Trp	Glu	Thr	Glu	Ile	Thr	Ala	Gln	Pro	
130					135					140						
Asp	Gly	Gly	Lys	Thr	Glu	Asn	Cys	Ala	Val	Leu	Ser	Gly	Ala	Ala	Asn	
145					150						155		160			
Gly	Lys	Trp	Phe	Asp	Lys	Arg	Cys	Arg	Asp	Gln	Leu	Pro	Tyr	Ile	Cys	
				165						170		175				
Gln	Phe	Gly	Ile	Val												
			180													